

# *PASSPORT<sup>®</sup>*

# *4.0*



*Mission Critical  
Trunking Solutions  
for Icom Radios*



# PASSPORT® 4.0

*PassPort 4.0 is featured on Trident Micro Systems' NTS Digital Network Trunking Architecture.*

## ***ENHANCING PASSPORT FOR CRITICAL OPERATIONS***

**PassPort 4.0** is the trunking and wide area networked trunking technology that meets the demanding needs of mission critical, business, and industrial users. PassPort 4.0 is a new **Enhanced Feature Set** that delivers the capabilities your industry demands in an affordable and scalable solution. PassPort 4.0 enhanced feature set is the clear choice for many users and industries. New PassPort features include Emergency Declaration, Priority Access, and Channel Backup. Operators who manage PassPort “classic” systems may easily upgrade existing systems to take advantage of the enhanced PassPort 4.0 features. PassPort 4.0 radios are available from industry leading manufacturers.

### **Emergency Declaration**

Your PassPort 4.0 radio is able to immediately declare an emergency at the press of a button. Radios are alerted to the situation by both an audible signal and a visual message on the radio display. The system activates resources to be dedicated to the emergency call. Dispatch console operators may also be made aware of the emergency through alarm indications. A radio declaring an emergency will go into an Auto Key-Up mode, allowing it to transmit without having to press the PTT button. The console operator also has the capability of sending a Remote Key-Up command to the radio at any time to a declaring radio during an emergency.

### **Channel Backup**

All critical channels in a PassPort 4.0 site may be backed up by other channels to eliminate downtime caused by a channel failure. Channel Backup is fully automatic and, in the event of a failure, transparent to the user. Once the fault has been repaired, radios will automatically revert to normal operation.





## Priority Access

Every PassPort 4.0 radio may be assigned a priority access level. Depending upon resource demand and traffic at any site, radios with higher priority levels are provided access to available channels over lower priority radios. Priority levels are established by the network operator on a per radio basis through the NTS Commander network management platform.



# APPLICATIONS

*PassPort 4.0 combines the features, reliability and value communications users and network operators need.*



## Utilities

With wide area coverage from Trident's NTS Digital Networking Architecture, workers can easily communicate network-wide and take advantage of the advanced features they need to coordinate routine operations or emergency situations such as severe weather events.



## Municipal and County Governments

Cities and Counties working within tight budgets don't have to give up features and performance. With PassPort 4.0, the needs of all users can be met without having to compromise on system capability.



## Manufacturing

Critical communications never wait as workers communicate immediately to necessary personnel about an operational issue or medical emergency or accident.

## Campuses

User groups, radios and calls are prioritized based on user priority assignments established by the system/network operator. Individual radio and user talk-group priorities may be remotely changed based on special needs such as a major sporting event.



## Public Safety

Whether its routine traffic or emergency communications, public safety personnel take full advantage of the features of PassPort 4.0. With the ability to handle multiple simultaneous emergency declarations, and a scalable all-digital network infrastructure, PassPort 4.0 is a platform to grow with.

## Hospitals

Regional hospitals can communicate privately between facilities and region-wide to coordinate regular operations or in the event of an emergency.

## Sports Arenas

Flexible talk group assignments and the ability to activate and de-activate radios allow facility management to tailor the system to meet the needs of

## Trident Micro Systems

is the industry leader in the design and manufacture of trunking and radio networking infrastructure products. Trident's innovations include the PassPort trunking protocol. Introduced in 1999, PassPort has rapidly become the industry standard for trunked radio networks.

Trident Micro Systems... setting the standard of performance since 1985.



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## PassPort 4.0 and the NTS from Trident Micro Systems

PassPort 4.0 and the NTS digital network infrastructure from Trident Micro Systems are two leading edge technologies you can count on to meet your communications needs today and grow with you into the future.

The NTS is a distributed network architecture that is fully scalable. The NTS supports "classic" PassPort and enhanced PassPort 4.0 in the VHF, 217 – 222 MHz, UHF, 700 MHz, 800 MHz and 900 MHz frequency bands.



### FEATURES:

#### Emergency Declaration

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#### Channel Backup

All critical channels in a PassPort 4.0 site may be backed up by other channels to eliminate downtime.

#### Priority Access

Every PassPort 4.0 radio may be assigned a priority access level giving higher priority radios access to available channels over lower priority radios.



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